MATERIALS AND CHEMICALS PRODUCED, HANDLED, AND
USED AT MONTROSE-TORRANCE PLANT

AR0273

PRODUCTS PRODUCED AT THIS PLANT ARE:

Material	Where Handled
100% DDT Technical(Dichlorodiphenyl Trichloroethane) Chips and Flake	All areas
75% DDT(Dichlorodiphenyl Trichloroethane)Water Dispersible Powder	Form. & Grnd. Plant
75% DDT(Dichlorodiphenyl Trichloroethane) Malathion Water Dispersible Powder	Special Products Plant

RAW MATERIALS USED FOR DDT PRODUCTION

MCB-Monochlorobenzene } Mix Chloral	DDT Process
65% Oleum - Strong Sulphuric Acid	DDT Process
50% Caustic - Sodium Hydroxide Diluted to 15% strength	DDT Process Fume Scrubbers

RAW MATERIALS - 75% DDT WATER DISPERSIBLE POWDER

DDT - 100% Technical Chip or Flake	All Areas
Hi-Sil 233 - Amorphous Silica	Form. & Grnd. Plt. & Shipping
Igepon T-77 - Sulfonated fatty acid - wetter	Form. & Grnd. Plt.,& Shipping
Reax 45A - Premixed Igepon & Orzan	Form. & Grnd. Plt. & Shipping
Calcium Sulphate - Gypsum	Form. & Grnd. Plt. & Shipping

RAW MATERIALS - 75% DDT - MALATHION POWDER - SPEC. PRODUCTS PLANT
(Very seldom made - about 1 or 2 orders per year)

Material	Where Handled
DDT - 100% Technical Chip or Flake	Special Products Plant
Hi-Sil 233 - Amorphous Silica	Special Products Plant
Igepon T-77 - Sulfonated fatty acid - wetter	Special Products Plant
Reax 45A - Premixed Igepon & Orzan	Special Products Plant
Orzan - Sodium and Ammonium Lignin Sulfonates	Special Products Plant
Malathion - Organo phosphate liquid	Special Products Plant
Micro Cel E - Amophous Silica	Special Products Plant & Shipping

OPERATING MATERIALS AND CHEMICALS USED DAILY

Acetic Acid-(Strong vinegar) - Neutralize molten DDT	DDT Process
Acetylene - compressed bottled gas - welding & cutting metals	Maintenance
Ammonia - liquid gas - refrigerant	Engine Room & Form. & Grnd. Plant
Ammonia - neutralize molten DDT	DDT Process
Gasoline - motor fuel	All areas
Mapp gas - synthetic gas - cutting & welding of metals	Maintenance & Production
Oxygen - bottled gas - cutting and welding of metals	Maintenance
Oxygen - bottled gas - First Aid	All areas
Quebracho Tannin - boiler compound	Boilers
Sodium Chloride - salt water softener	Engine Room
Sodium Chloride - Salt - Refrigeration system	Engine Room

Material	Where Handled
Sodium Dichromate - rust inhibitor in brine system	Engine Room
Sodium Dichromate - refrigeration system	Engine Room
Sodium Sulfite - boiler compound.	Boilers
Sulphuric Acid - SOO-SAS-R.A.	DDT Process - Acid Recovery
Sulfur Dioxide - Vent gas - acid tanks (scrubbed by caustic)	Acid Recovery
Swift Adhesive - 2-47131 - Glue for boxes	Form. & Grnd. Plant
Lime - Calcium Hydroxide	Sewer pots
Tri-Sodium Phosphate - T.S.P. - Boiler compound	Boilers
Paints - Solvents - Thinners - Various kinds	Maintenance
Petroleum Oil & Greases - Lubrication	All Areas
Liquified Petroleum Gas - L.P.G. - fuel	Lift Trucks
Floor Cleaning Compounds -	Lunchroom, Locker Room, Office

OPERATING MATERIALS AND CHEMICALS USED OCCASIONALLY

Foam Glass Insulation - expanded glass insulation	Maintenance
High Melting Tar - asphalt	Maintenance
85% Magnesium Insulation	Maintenance
Fiber Glass Blanket - Insulation	Maintenance
Fiber Glass Tape - Emergency Repairs	Maintenance
Sodium Silicate - Water Glass - Acid Proof Cement	Maintenance
Fibrous Adhesive - Hot Insulation Cement	Maintenance
Epoxy Resins - Bricking - Repairs	Maintenance
Polyester Resins - Repairs	Maintenance
Hydrogen Gas - Bottled Gas - Lead Burning	Maintenance
Argon - Bottled Gas - Heli-arc Welding	Maintenance

Material	Where Handled
Carbon Dioxide – CO_2 – Fire Extinguishers	Maintenance
Alum – Aluminium Sulfate – Settling Agent for water treatment	Water Pond
Hydrochloric Acid – HCL – Muriatic – De-Scaling acid for removing scale	Maintenance & Boilers
Nitrogen – Bottled Gas – Used for Purging – fire extinguishers	Maintenance
Perchloroethylene – Chlorinated Hydrocarbon – solvent – degreaser	Maintenance
Haveg – Resin Cement – Tanks – Pipe & Fittings	Maintenance
Karbate – Carbon Resin & Cement – Pumps – Piping	Maintenance